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BULLETIN
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[No. I.

An Enumeration of the Plants collected by Dr. H. H. Rusby in South America, 1885-1886.—XIX.

(Continued from vol. xviii, page 334.)

EUPATORIUM THYMIFOLIUM, spec. nov. § Praxelis. Suffruticosum, ramosum, 7-8 dm. altum; ramis gracilibus, ascendentibus minute pubescentibus; foliis ovatis ovalibusque, integris, obtusis, supra scabris, intense viridibus, subtus punctatis, pubescentibus, 8-15 mm. longis, 3-6 mm. latis, breviter petiolatis; capitulis gracile pedicellatis, campanulatis, 1 cm. longis; involucri squamis 2-3-seriatis, obtusis, minute pubescentibus, interioribus linearibus, exterioribus brevioribus, lanceolatis, pappi setis griseis, flexuosis; acheniis linearibus, infra attenuatis.

Ingenio del Oro, 10,000 ft. (1747). Related to *E. erythrolepis*, Sch. Bip. based on Mandon's 261.

Eupatorium dendroides, Spreng. Syst. Veg. iii. 466. Yungas, 4,000 ft. (1580).

Mikania scandens (L.), Willd. Sp. Pl. iii. 1743. Yungas, 6,000 ft. (1645); Guanai, 2,000 ft. (1644); Mapiri, 5,000 ft. (1647). Junction of the rivers Beni and Madre de Dios (1646).

Mikania cordifolia (L.), Willd. Sp. Pl. iii. 1746 (*M. gonoclada*, DC.). Near La Paz, 10,000 ft. (1648); Guanai, 2,000 ft. (1649).

Mikania psilostachya, DC. Prodr. v. 190. Yungas, 6,000 ft. (1702); Mapiri, 2,500 ft. (1701; 1703).

Mikania Lindbergii, Baker, in Mart. Fl. Bras. vi. Pars. ii. 233. Yungas, 6,000 ft. (1736).

Mikania angularis, Humb. & Bonpl. Pl. Äquinoc. ii. 87, t. 106. Yungas, 4,000 ft. (1740).

Mikania Hookeriana, DC. Prod. v. 195. Mapiri, 5,000 ft. (1738).

The same as Matthew's No. 1368 from Peru.

Mikania amara (Vahl.), Willd. var. *Guaco* (Humb. & Bonpl.), Baker in Mart. Fl. Bras. vi. Pars. II. 237. Junction of the rivers Beni and Madre de Dios (1650). The same as Lechler's No. 2477 from Peru.

Mikania rufa, Benth. Pl. Hartw. 201. Unduavi, 8,000 ft. (1737).

Grindelia glutinosa (Willd.), Dunal. Mem. Mus. Par. v. 49. Tacna, Chili (1612).

Solidago polyglossa, DC. Prodr. v. 332. Yungas, 6,000 ft. (1629).

Læstadia Lechleri, Wedd. Chlor. And. i. 184. (*Lagenophora Lechleri*, Sch. Bip. Bonplandia, 1856, 54, name only). Unduavi, 8,000 ft. (2667).

Aster marginatus, H.B.K. Nov. Gen. iv. 91. Sorata, 10,000 ft. (1659).

Aster marginatus, var. *acaulis*, Sch. Bip. Bull. Soc. Bot. France, xii. 81, name only. Sorata, 13,000 ft. (1718).

Aster divaricatus, T. & G., var. *graminifolius* (Spreng.), Baker in Mart. Fl. Bras. vi. Pars. III, 22 (*A. exilis*, Ell. var. *australis*, A. Gray). Near La Paz, 10,000 ft. (1712). Among the numerous names which have been applied to this plant I am unable to ascertain definitely which is the oldest available one. I am following Mr. Baker in the name I here adopt, but am of the opinion that the plant is specifically distinct from the North American.

Aster Vahlii (Gaud.) H. & A. Comp. Bot. Mag. ii. 49. Sorata, 10,000 ft. ? (2720). Slightly different from the Patagonian specimens. Locality and determination uncertain.

Diplostephium Mandoni, Sch. Bip. Bull. Soc. Bot. France, xii. 81, name only. Unduavi, 8,000 ft. (1660).

Erigeron Pazensis, Sch. Bip. Bull. Soc. Bot. France, xii, 80, name only. Near La Paz, 10,000 ft. (1662; 1663).

Erigeron lanceolatum, Wedd. Chlor. And. i. 193, ex. descr. Yungas, 6,000 ft. Sorata, 8,000 ft. (1661).

Erigeron linifolium, Willd. Sp. Pl. iii. 1955. Near Valparaiso, Chili (2722).

Erigeron Canadense, L. Sp. Pl. 1211. (?) Near La Paz, 10,000 ft. (1666).

- Erigeron Bonariense*, L. Sp. Pl. 1211. Junction of the Rivers Beni and Madre de Dios (1664). Unduavi, 8,000 ft. (1665).
- Erigeron floribundus* (H.B.K.), Sch. Bip. Bull. Soc. Bot. France, xii. 81. Sorata, 10,000 ft. (2713). The same as Mandon's 218, Herb. Kew.
- Erigeron spiculosum*, H. & A. Bot. Beechey, 32. Near Valparaiso, Chili (1667).
- Erigeron hieracioides*, Wedd. Chlor. And. i. 194. Sorata, 10,000 ft. (2717); 13,000 ft. (2716).
- Erigeron rosulatum*, Wedd. Chlor. And. 193. Sorata, 13,000 ft. (1616). Possibly distinct, as Dr. Rusby's specimens are more silvery pubescent than Mandon's 224, so named by Schultz.
- Conyza Chilensis*, Spreng. Nov. Prov. 14. Near Valparaiso (2513).
- Baccharis sagittalis*, DC. Prodr. v. 425. Near Valparaiso, Chili (1563).
- Baccharis genistelloides*, Pers. Syn. ii. 425. Unduavi, 8,000 ft. (1564).
- Baccharis retusa*, DC. Prodr. v. 412. Yungas, 6,000 ft. (1572.)
- Baccharis cassinoides*, DC. Prodr. v. 412. Yungas, 6,000 ft. (1570).
- Baccharis riparia*, H.B.K. Nov. Gen. iv. 65. Yungas, 4,000 ft. (1571); near La Paz, 10,000 ft. (1573).
- Baccharis floribunda*, H.B.K. Nov. Gen. iv. 64, t. 325. Unduavi, 8,000 ft. (1583).
- Baccharis Radin*, Ph. Linn. xxxiii. 146. Tacna, Chili (1586).
- Baccharis trinervis* (Lam.) Pers. Syn. ii 423. Yungas, 6,000 ft. (1575; 1574); Mapiri, 5,000 ft. (1576).
- Baccharis salicifolia* (R. & P.) Pers. Syn. ii. 425. Reis, 1,500 ft. (1584).
- Baccharis serrulata* (Lam.), Pers. Syn. ii. 423. Near Valparaiso, Chili (1668).
- Baccharis glutinosa*, Pers. Syn. ii. 425. Near Valparaiso, Chili (1561).
- Baccharis scandens* (R. & P.), Pers. Syn. ii. 424. Sorata, 10,000 ft. (1585).
- Baccharis alpina*, H.B.K. Nov. Gen. iv. 48. Sorata, 13,000 ft. (1632).

- Baccharis microphylla*, H.B.K. Nov. Gen. iv. 53. Near La Paz, 10,000 ft. (1581); Yungas, 6,000 ft. (1566); Sorata, 8,000 ft. (2614).
- Baccharis microphylla*, H.B.K. var. *linearifolia*, Wedd. in Bull. Soc. Bot. France xii. 81. Sorata, 8,000 ft. (1577).
- Baccharis dracunculifolia*, DC. Prodr. v. 421. Yungas, 4,000 ft. (1568); Unduavi, 8,000 ft. (1569), the latter a narrow-leaved form.
- Baccharis aphylla*, DC. var. *Boliviensis*, Sch. Bip. Bull. Soc. Bot. France, xii. 81. Unduavi, 8,000 ft. (1567).
- Baccharis Pingraea*, DC. Prodr. v. 420. Near Valparaiso, Chili (1562).
- Baccharis rosmarinifolia*, H. & A. Bot. Beechey, 30. Valparaiso, Chili (1560).
- Baccharis eupatorioides*, H. & A. Journ. Bot. iii. 122. Valparaiso, Chili (1559).
- Baccharis sparteo*, Benth. Sorata, 8,000 ft. (1587).
- Baccharis hemiprionoides*, Buck., fide Sch. Bip. Bull. Soc. Bot. France, xii. 81. Near La Paz, 10,000 ft. (1578). The same as Mandon's 186.
- Baccharis pulchella*, Sch. Bip. Bull. Soc. Bot. France, xii. 81, name only. Sorata, 8,000 ft. (1746).
- Baccharis*, resembling *B. cassinefolia*, DC., but stem densely pubescent above. Probably an undescribed species. Mapiri, 10,000 ft. (1579).
- BACCHARIS HETEROTHALMOIDES, spec. nova. Fruticosa, erecta, ramosa, 10–16 cm. alta; ramulis gracilibus, angulatis, glabris; foliis linear-subulatis, rigidis 1–2 cm. longis, $\frac{1}{2}$ mm. latis; capitulis foeminis terminalibus, solitariis, pedunculatis, 1 cm. altis; involucrum 3–4-seriale, squamis lanceolatis, acuminatis, $\frac{1}{2}$ mm. latis; receptaculo plano, punctato; achenia striata, linearia; pappus sub 2-serialis, scaber.
Yungas, 4,000 ft. (1709).
- Baccharis?* Unduavi, 8,000 ft. (1727).
- Heterothalmus Boliviensis*, Wedd. Chlor. And. i. 179, t. 31 A. Near La Paz, 10,000 ft. (1698).
- Dolichogyne* (?) Unduavi, 8,000 ft. (1711).
- Pleuchea odorata* (L.), Cass. Dict. 42, 3. Yungas, 4,000 ft. (1726). Same as Mandon's 206.